

# BW431-1 Thyristors

## Half-Controlled Bridge (Thyristor)

---

**V(RRM) Max. (V) 120**

**V(DRM) Max. (V) 400**

**I(T) Rated Maximum (A) 30<sup>2</sup>**

**@Temp. (°C) (Test Condition) 85**

**I(TSM) Max. (A) 200**

**@ t(w) (s) (Test Condition)**

**I(GT) Max. (A) 80m**

**V(GT) Max.(V) 2.5**

**I(H) Max. (A) Holding Current 75m**

**I(D) Max. (A) Leakage Current 15**

**@Temp. (°C) (Test Condition) 85**

**V(T) Max. (V) 2.2**

**@I(T) (A) (Test Condition) 100**

**Minimum Operating Temp (°C) -25**

**Maximum Operating Temp (°C) 125<sup>o</sup>**

**Thermal Resistance Junc-Case**

**# & Name of Screw Terminals**

**# & Name of Quick-Connects 2G2AK-CA/K**

**Package Style MODULE-var**

**Mounting Profile Code M:HL049HD5.2**